

# HRP-conjugated Calretinin Monoclonal antibody

Catalog Number: **HRP-66496**

## Basic Information

<b>Catalog Number:</b> HRP-66496	<b>GenBank Accession Number:</b> BC015484	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 794	<b>CloneNo.:</b> 2D7A9
<b>Source:</b> Mouse	<b>Full Name:</b> calbindin 2	<b>Recommended Dilutions:</b> WB 1:5000-1:20000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 29 kDa	
<b>Immunogen Catalog Number:</b> AG2924	<b>Observed MW:</b> 29 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : mouse brain tissue,
<b>Species Specificity:</b> Human, mouse, pig, rat	

## Background Information

Calbindin 2 (calretinin), is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Calretinin is a useful marker for differentiating malignant mesothelioma from carcinomas. This antibody is HRP conjugated.

## Storage

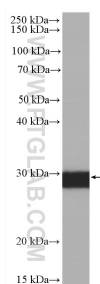
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with HRP-66496 (Calretinin antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.